HFTE2-FDSG

HALOGEN FREE HFT Pipe

Features

- Environmentally friendly -Green Star Rated
- Suited for ASD Smoke Detection System
- Medium Duty (Grey)
- Can be produced in any colour (subject to quantities)
- In accordance with AS/NZS 2053-UL 94-HB
- High chemical resistance
- Operating temp -40°C to 110°C
- Suitable for outdoor use

Description

The plastic for use in the production of Halogen-free conduit contains no chlorines or heavy metals and thus offers decisive advantages over conventional systems.

- Provides significant environmental features compared to PVC
- No Corrosive or acidic gas formation in fire situations and no secondary damages to electronic equipment, machines and buildings
- No aggressive fumes which endanger the lives of humans and ani-mals
- Available with or without "Air Sampling" markings
- Reduced smoke density, giving better visibility at fire exits & for rescue team

Technical Specifications	
Part code	HFTE2
Length	4 metre
Outside diameter	25mm
Inside diameter	21.4mm
Temperature Range	-40°C to 110°C
Standard colour	Light grey
Joining Adhesive	HFTDP8010 solvent (NOT PVC glue)

• Available with or without "Air Sampling" markings

★ 'Go Green' HALOGEN FREE

Br Bromine
Cl Chlorine

no toxic fumes
no corrosive gases
environmental benefits
over pvc

Recycle

MATERIAL PROPERTIES	VALUE	UNIT	TEST METHOD
Density	0.9	g/cm^3	ASTM D792
Flexural Modulus	14,000	kg/cm^2	ASTM D790
Elongation at Break	>500	%	ASTM D638
IZOD Impact Strength (Notched, 23°C)	>50	kg-cm/cm	ASTM D256
Rockwell Hardness	85	R Scale	ASTM D785
Tensile Strength at Yield	240	kg/cm^2	ASTM D638
Halogen Content	0	%	Ion Chromatography
UV Resistance (Black)	>50	years	
UV Resistance (Grey)	5-10	years	
Thermal Conductivity at -20°C	0.24	W/m K	
Co-efficient of Thermal Expansion	0.15	mm/m/^{o}C	
FIRE BEHAVIOUR			
Flame Retardancy	VO		UL 94
Flame Retardancy	32	%	L.O.I.
Smoke Characteristics	1-2	Indice	AS/NZS 1530.3:1999
PERFORMANCE			
Max. Working Temperature	105	^{o}C	
Min. Working Temperature	-20	^{o}C	
JOINING METHOD			
Adhesive	>2.3	MPa	
STANDARDS COMPLIANCE			
AS / NZS 1345 "Content Identification......"			
AS / NZS 2053 "Conduits & Fittings......."			

BS / EN 61386-21 " Conduit Systems....."			
IEC 60423 "Conduit Systems........"			
ISO9001:2008 Quality Management			
ISO14001:2004 Environmental Management			